

## Self-Propelled Gardening Machine

Disabled or elderly gardeners who have trouble getting around will love this new self-propelled gardening machine that makes it easy for anyone to do the work.

Noren Olson's "Garden Master" was introduced at the recent Minnesota Inventors Congress at Redwood Falls, Minn. It's built like a mini center pivot irrigator, with a powered wheel at the outer end that "walks" a heavy beam around a center pivot point. A comfortable operator's seat moves back and forth along the beam.

The center pivot point consists of a steel post. The beam is made of 4 by 6-in. steel tubing. The powered driver unit is fitted with a 13-in. auto wheel.

The Garden Master is available with either an 8 hp gas or 1 hp electric engine.

Price was still being determined at press time.

Contact: FARM SHOW Followup, Noren



**"Garden Master" is built like a mini center pivot irrigation system.**

Olson, 920 3rd St. N., St. James, Minn. 56081 (ph 507 375-4454).

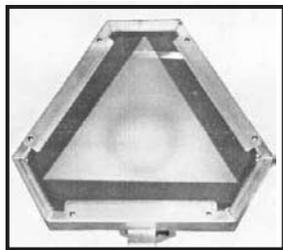
## Lighted SMV Sign Makes Night Work Safer

"Response has been tremendous. We think it's only a matter of time before this type of lighted slow moving vehicle sign is required across North America," says Charles Mass, inventor and manufacturer of a new-style SMV sign that's lighted from the back.

It's built with a heavy-gauge, 2-in. thick aluminum frame and has a built-in 12-volt light behind the bright orange and red plastic SMV sign. It simply wires into the vehicle's battery.

Mass notes that Manitoba recently passed new legislation requiring farm equipment to be lit at night. Other provinces are considering following suit.

Sells for \$140 U.S.



**New SMV sign is lighted from the back.**

Contact: FARM SHOW Followup, Nitelite Sign Co., Box 633, Medicine Hat, Alberta T1A 7G6 Canada (ph 403 548-7544; fax 403 548 0031).

## "Foggers" Kill Mosquitos, Bugs

Killing mosquitos and other flying insects is almost fun with this "ultra low volume" fogger from Aire-Mate Inc. The company sells 25 different models of insect foggers.

One of the most popular is this back-pack model that weighs less than 5 lbs.

It's powered by a 1.4 hp 2-cyl. gas engine and is equipped with a 32 oz. chemical tank. It's capable of applying up to 4 oz. per minute of pyrethrin or 0 to 2 oz. per minute of malathion.

It'll kill mosquitos up to 5 miles away with a breeze of 4 to 5 mph, the company says. One tank full has the capacity to treat 83 acres with permethrin.

Sells for right at \$1,250 plus S&H.

The company also has larger, truck-mounted units that start at \$5,470 plus S&H.



**Foggers come in both portable and truck-mounted models.**

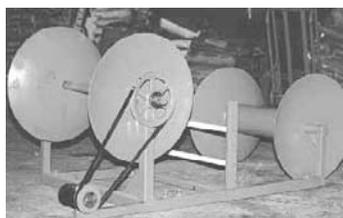
Contact: FARM SHOW Followup, Aire-Mate Inc., P.O. Box 406, 17335 U.S. Highway 31 North, Westfield, Ind. 46074-0406 (ph 800 544-8990 or 317 896-2531; fax 3788; website www.dynafog.com).

## Irrigation Pipe "Roller Upper"

Rolling up poly irrigation pipe has never been easier than with this new, low-cost pipe rolling machine that runs off the hydraulics on your tractor.

JK Farm & Ranch Supply's "High Roller" is 4 1/2-ft. long and 3 1/2-ft. wide. It's hydraulically driven by a 2:1 ratio belt drive. The big reels pull the pipe up through two separate guide systems that also serve as a wringer to squeeze water and mud out. A 1 1/2-in. dia., 21-in. long pipe that fits over the shaft serves as a spool for the pipe to roll up on.

A standard reel holds up to 1/4-mile of 15-in. dia. pipe which it will roll up in just 10 minutes. Custom built rollers are available for larger pipe, as well as an optional split



**"Roller upper" will roll up 1/4 mile of 15-in. dia. pipe in just 10 minutes.**

spool that sells for \$25.

Sells for \$750 FOB Spearman, Texas.

Contact: FARM SHOW Followup, JK Farm & Ranch Supply, P.O. Box 718, Spearman, Texas 79081 (ph 806 659-5959).



**Bucket-mounted calf carrier is ideal for newborns and for calves up to 200 lbs..**

## "One-Man" Bucket-Mounted Calf Carrier

"I used a homemade wooden trailer to move calves before but that was awkward and slow," says David Huffer who designed a "one-man" calf carrier that mounts in the bucket of his skid steer loader.

The carrier is 3 ft. tall, 3 ft. wide and 4 ft. long and is designed primarily for newborn calves, which are loaded into a hinged gate in front of the carrier.

The frame is built out of lightweight tube steel and is covered with livestock panels cut up and welded on. It has a wood floor. Total weight of the unit is under 200 lbs.

It chains to the bucket using rings that

Huffer welded to the back of the bucket and to the back of the calf carrier.

"It works great for newborns but we've also hauled some 200-lb. calves with it," he says. "Plus, when moving calves from the pasture with it, cows can see calves and voluntarily follow along. Everyone with calves should have one."

Huffer had the carrier built by a local welding shop for \$200.

Contact: FARM SHOW Followup, David Huffer, 6620 Holter Road, Middletown, Md. 21769 (ph 301 371-6639).



**A pair of kerosene lanterns keeps the temperature inside shed above freezing in even the coldest weather.**

## "Straw Bale" Shed Keeps Potatoes From Freezing In Winter

"It won't win any prizes for looks, but it does the job. I built it almost entirely from straw bales and scrap materials I had on hand," says Ernest Harer, Center, Colo., about the 28-ft. long "straw bale" shed he built to keep a truck full of culled potatoes from freezing during the winter. He feeds the potatoes to beef cows.

Harer buys the "reject" potatoes from a local potato processing plant and loads them into his 2-ton truck which is equipped with an apron chain floor. He gets a load of potatoes at the plant and then parks the truck - with its load - in the shed. Each day he drives the truck out to unload some of the potatoes in a windrow in his pasture. Then he puts the truck back in the shed until the next feeding. A pair of kerosene lanterns keeps the temperature inside the shed above freezing even in the coldest weather.

The shed measures 18 ft. wide and has a sloping tin roof that's 18 ft. high in front and 10 ft. high at the back. The walls on three sides are made from 7-ft. long straw bales that weigh about 600 lbs. apiece. Harer used a front-end loader to stack the bales. A 1-ft. dia. phone pole that's set 3 ft. deep in the ground anchors each corner of the shed. The other end of the shed has an insulated 10-ft. sq. door made from particle board and lined

on the inside with rock wool. The door is mounted between a pair of smaller telephone poles.

The tin roof is screwed to a series of telephone poles spaced about 4 ft. apart. A 6-in. layer of sawdust between the roof and ceiling serves as insulation. Underneath the tin roof is a sheet of wood and a layer of tar roofing paper, followed by the insulation, then a layer of black polyethylene that's on top of the wooden ceiling.

"It cost far less to build than earthen cellars or metal buildings that other ranchers in my area use," says Harer, who built the shed 1 1/2 years ago. "The truck holds about 8 tons of potatoes. We feed about 500 lbs. of potatoes per day to the cattle so it takes 3 to 4 weeks to empty the truck. We speeded up the beaters so that they run extra fast and slash the potatoes, which keeps the cattle from choking on them.

"I bought the longest spikes I could find and put 3 or 4 into each bale to stabilize the walls. I probably should have ran lengths of rebar vertically through each row of bales in order to keep them stable."

Contact: FARM SHOW Followup, Ernest Harer, 415 Fullenwider Ave., Center, Colo. 81125 (ph 719 754-3937).